

Petition No. 1127: Cellco
301 Chesterfield Road, East Lyme
Staff Report
January 14, 2015

On December 12, 2014, the Connecticut Siting Council (Council) received a petition from Cellco Partnership d/b/a Verizon Wireless for a declaratory ruling that no certificate of environmental compatibility and public need is required for the proposed installation of a small cell telecommunications facility at 301 Chesterfield Road, East Lyme. Cellco is currently experiencing a capacity issue in this area. In an effort to resolve this capacity problem and provide customers with improved wireless services in the area, Cellco proposes to install a small cell facility. Specifically, Cellco would install a single canister-type antenna at the top of a small mast structure attached to the roof of a two-story office and activities building at the Aces High RV Park and Campground. The mast and antenna would extend approximately 4-feet 4-inches above the peak of the roof and would be enclosed by a faux stovepipe made of RF transparent material. Cellco preformed a visual analysis. (See photograph on next page).

Equipment associated with the facility would be located inside the building in a first floor equipment room. Power and telephone service would extend underground, through an existing conduit from an existing garage structure on the property.

The plans have been stamped by a Professional Engineer duly licensed in the State of Connecticut. The maximum worst-case power density would be 1.44 percent of the applicable limit. Cellco also confirmed that no notice is required to the Federal Aviation Administration.

The visual impact of the project is expected to be negligible as the stealth design is intended to look like a flue pipe from the building's heating system. Furthermore, the faux stove pipe would extend less than five feet above the building.

Notice was provided to abutting property owners, the Town of East Lyme, as well as the Town of Waterford (located within 2,500 feet of the project). No comments have been received to date.

Cellco contends that this proposed project would not have a substantial adverse environmental impact.

